123. The departmental collection of hirda in the Sátára division was not so large as last year, the crop having been considerably damaged by heavy rain in October and November 1894. 775 khandis, 2 maunds and 24 lbs. were collected at a cost of Rs. 5,631 and realised Rs. 12,799. Shikakái produced Rs. 800 and all other minor products, as per Form No. 58, produced Rs. 995.

124. In the Sholápur division earth and stones, and fruit, and Shindi leaves were the only articles of minor forest produce which were sold.

CHAPTER III.

GROSS YIELD AND OUTTURN OF FOREST PRODUCE.

I.—DEPARTMENTAL OPERATIONS.

(*a*).—TIMBER.

125. A comparative statement of the timber exploited departmentally from the forests with the cost of the operations and the revenue realized therefrom for the two years offers the following differences :—

Division.	1893-94.			1894-95.		
	Timber in Cubic feet.	Cost.	Receipts.	Timber in Cubic feet.	Cost.	Receipts.
		Rs.	Rs.		Rs.	Rs.
East Khándesh	16,045	1,158	12,760	15,997	1,031	8,644
West Khándesh	141,608	4,195	72,454	142,386	4,130	61,538
Násik	11,802	115	754	...	...	156
Ahmednagar	42,705	976	6,806	41,760	1,063	5,648
Poona	15,818	558	3,172	92,965	3,475	7,489
Sátára	19,132	1,470	14,084	21,586	2,123	15,174
Sholápur	...	...	...	...	...	...
Total ...	247,110	8,472	1,10,030	3,14,694	11,822	98,649

Departmental operations in the East Khándesh division were carried out to a smaller extent, and the selling rate of teak poles was about 8 per cent. lower than last year.

In the West Khándesh division 142,386 teak pieces of timber were exploited from the forests of seven ranges; and 39,145 remained in stock unsold in the Akráni and Shirpur ranges at the end of the year.

The only work undertaken in the Násik division was the felling of timber on forest boundary lines, the cost being charged to demarcation, and the revenue realized, Rs. 156, is on account of the sale-proceeds of 4,860 cubic feet of balance from last year.

2,350 teak pieces and 1,091 Jámbhul rafters were taken for use as posts for wire fencing compartments in the Ahmednagar forests.

Of the teak timber felled in the Haveli range 9,143 pieces found no purchasers: and a considerable quantity of timber was used for wire fencing in the Poona division.

From the forests of 13 ranges of the Sátára division 21,586 cubic feet of timber were brought to depôt at a cost of Rs. 2,123, and with the balance in stock from last year of 1,126 cubic feet were offered for sale, 22,659 cubic feet being disposed of, and 53 cubic feet being left.

2,146 trees yielding 3,916 posts were felled and brought out of the Sholápur forests for use for wire fencing reserved forests.

(*b*).—Firewood and Charcoal.

126. The following Statement furnishes the comparative transactions of 2 years :—

Division.	1893-94.			1894-95.		
	Firewood. Cubic feet.	Cost.	Receipts.	Firewood. Cubic feet.	Cost.	Receipts.
		Rs.	Rs.		Rs.	Rs.
East Khándesh	602,100	3,624	15,806	729,495	4,833	12,392
West Khándesh	490,210	2,679	13,086	434,222	2,342	11,761
Násik	55,759	250	1,412	1,395	11	21
Ahmednagar	58,822	1	604	44,579	...	404
Poona	42,134	220	1,150	127,240	1,002	3,003
Sátára	502,007	3,598	5,695	779,532	5,430	8,668
Sholápur	2,478	14	261	3,180	15	274
Total ...	1,753,510	10,386	38,014	2,119,643	13,633	36,523

In the East Khándesh division the firewood came from the regular coupes in the Bábool forests of the Edlábád and Bhusával ranges, and the mixed forests of Jámner and Chálisgaon, and from clearing 813 acres of disforested lands at Virvada in Chopda. The selling price of firewood had declined greatly and was very low.

In the Dhulia forests Anjan, Hardwickia and in the Nizámpur forests Khair, Acacia catechu, were the chief trees which produced the firewood sold in the year, in the West Khándesh division. Some 4,238 cubic feet remain in stock in the Akráni and Shirpur ranges.

All the firewood of the Násik division was felled on forest boundary lines in the Málegaon and Nándgaon ranges.

The loppings of the timber trees have furnished the firewood sold in the Ahmednagar Division.

Several coupes of the Bábool forests of the Poona Division which could not be sold for purchasers to fell and remove the trees were worked departmentally.

In the Sátára division 779,532 cubic feet were felled during the year and with 77,039 were put into the market when 832,671 cubic feet were sold, leaving 23,900 cubic feet in stock.

(*c*).—Bámboos and (*d*).—Sandalwood.

127. There were no Bámboo and sandalwood operations.

(*e*).—Grass and Other Minor Produce.

128. Hirdas, the fruit of the Terminalia chebula, is the only article worked departmentally with the following results :—

Year.	Yield.			Price.
	K.	m.	lbs.	Rs.
1893-94	1,553	21	24	27,987
1894-95	781	7	10	16,115

The year was a bad one for Hirdas, and the harvest was deficient.

II.—REMOVAL OF PRODUCE BY PURCHASERS.

(*a*).—Timber.

129. A comparison between the two years is as under :—

Division.	1893-94.		1894-95.	
	Cubic feet.	Revenue.	Cubic feet.	Price.
		Rs.		Rs.
East Khándesh	85,455	2,018	97,650	2,306
West Khándesh	158,780	18,997	97,512	7,009
Násik	1,361,803	76,164	1,385,599	72,106
Ahmednagar	.....	190	7,302	270
Poona	220,912	22,139	48,790	22,332
Sátára	23,237	11,618	10,682	5,393
Sholápur	13,026	4,570	181,586	5,550
Total ...	1,863,213	1,35,756	1,829,121	1,14,966

In the Khándesh divisions timber was exploited from the forests by permit-holders and some trees were sold standing upon disforested lands.

The transactions in the Násik division are chiefly of teak trees felled by purchasers upon occupied lands outside of the forest boundaries in the Peint range. The prices were exceptionally high, but the largest purchaser failed to act up to the sale conditions in payment of his purchase money.

Fifteen coupes were sold in the teak forests of the Poona division and were exploited by purchasers, and, in addition thereto, 13,232 teak trees standing upon occupied lands outside of the forest boundaries in seven of the ranges were sold under the orders of Government Resolution No. 7537, dated 25th October 1890, for one rupee per tree.

In the same way in the Sátára Division 5,153 teak trees on occupied lands were sold at Re. 1 each.

Twelve coupes in the Bábul forests of the Sholápur division containing 9,055 trees were sold on foot for Rs. 4,395. These trees have been grown by the Forest Department during the last 20 years, the ground on which they were standing having been perfectly bare before they were placed under forest conservancy management; and 1,172 sandalwood trees, the property of Government on occupied lands, were sold for Rs. 1,155.

(*b*).—FIREWOOD.

130. A comparison between the two years is presented below:—

Division.	CUBIC FEET.		REVENUE.	
	1893-94.	1894-95.	1893-94.	1894-95.
			Rs.	Rs.
East Khándesh	947,520	1,243,170	7,896	10,760
West Khándesh	243,150	228,593	8,641	6,362
Násik	518,825	57,047	5,948	5,666
Ahmednagar...	80,067	40,782	3,451	3,349
Poona	287,173	186,009	9,256	7,572
Sátára	7,113	8,688	153	162
Sholápur	8,704	19,958	214	263
Total ...	2,092,552	1,784,247	35,559	34,134

In the Khándesh District firewood is mainly bought on permits, but two coupes were sold in the East Khándesh Division for local supply; 2,043 acres of disforested lands were cleared by purchasers of the firewood growing upon them; and in the other divisions the wood came almost entirely from coupes.

(*c*).—BÁMBOOS.

131. A contract was given in the Násik Division for the removal of bámboos from the Peint forests at Rs. 3-8-6 per 100, and 168,277 were thus exploited;

all other transactions in this division and in all others were by permits. The gross yield compares with that of 1893-94 as under :—

Division.	1893-94.		1894-95.	
	Number.	Revenue.	Number.	Revenue.
		Rs.		Rs.
East Khándesh	782,564	8,160	761,054	8,070
West Khándesh	211,780	1,820	169,624	1,319
Násik	122,803	3,744	172,918	4,462
Ahmednagar	40,678	141	40,211	402
Poona	105,968	1,129	93,737	963
Sátára	67,403	401	143,983	728
Total ...	1,331,196	15,395	1,381,527	15,944

There are no exploitable bámboos in the Sholápur forests.

(*d*).—Grazing and Fodder Grass.

132. A history of this source of revenue and supply has been given earlier in this report:

(*e*).—Other Minor Produce.

133. Include Hirda, the fruit of the Terminalia chebula, shikakái, the pod of Acacia concinna, Roshá oil, Andropogon schœnanthus, Tarwad, Cassia auriculata, leaves of Temburni, Diospyros, of Apta, Bauhinia, for making native cigarettes, Karvi, Strobolanthes, thorns, earth stones; and the comparative results are as follows in rupees :—

Division.	1893-94.	1894-95.
	Rs.	Rs.
East Khándesh	1,470	1,213
West Khándesh	17,487	21,452
Násik	3,636	3,922
Ahmednagar	1,222	1,423
Poona	4,247	1,772
Sátára	2,342	1,795
Sholápur	226	59
Total ...	30,630	31,636

III.—FREE GRANTS OF FOREST PRODUCE.

134. The following statement shows the values of such grants during the past five years :—

Division.	1890-91.	1891-92.	1892-93.	1893-94.	1894-95.
East Khándesh	...	210	...	...	...
West Khándesh	142	714	458	1,518	671
Násik	217	177	274	369	510
Ahmednagar	10	139	...	20	41
Poona	519	709	628	684	694
Sátára	699	...	136	43	110
Sholápur	...	...	...	...	...
Total ...	1,587	1,949	1,496	2,634	2,026

IV.—PRODUCE REMOVED BY RIGHT-HOLDERS AND UNDER PRIVILEGES.

135. The removals of timber and other forest produce by right-holders and concessionaires under the privileges granted to them are not confined to any particular forests or portions of any forest nor to any prescribed season, neither are they regulated by a system of permits or passes, and consequently it is not possible to give any approximately correct estimate of their value. It may suffice to say that the quantities of timber, firewood, bámboos, grass and other minor forest produce removed by the forest villagers free, or on payment of low rates, for barter or for sale, are very large, and worth much money.

136. Free grazing, which is permitted to the agricultural and milch cattle of forest villagers, is regulated by the issue of permits, and the statement below gives the comparison between the two years:—

Division.	Animals.		Value.	
	1893-94.	1894-95.	1893-94.	1894-95.
			Rs.	Rs.
East Khándesh	10,676	10,935	5,777	6,271
West Khándesh	23,586	25,407	6,476	13,813
Násik...	54,385	77,073	28,808	39,575
Ahmednagar	16,379	6,724	3,247	3,426
Poona...	94,356	110,996	52,990	63,492
Sátára	155,695	169,458	77,848	98,849
Sholápur	8,900	8,953	2,473	4,474
Total ...	363,977	409,546	1,77,619	2,29,900

V.—SUMMARY OF PRODUCE REMOVED FROM THE FORESTS.

137. The details are as given below:—

Description of material.	Number or quantity.
Timber ... ... Cubic feet ...	2,162,469
Do. ... ... Number ...	12,758
Fuel ... ... Cubic feet ...	3,903,890
Bámboos ... ... Number ...	1,381,577
Do. ... ... Head-loads ...	820
Do. ... ... Cart-loads ...	206
Stone ... ... Do. ...	18,298
Do. ... ... Cubic feet ..	128,032
Manure ... ... Cart-loads ...	2,068
Roshá grass ... ... By contract ...	.....
Anjan, &c., leaves ... ... Head-loads ...	166
Do. ... ... Cart-loads ...	96
Apta and Tembhurni leaves ... ... By contract ...	.....
Thorns and brushwood ... ... Cubic feet ...	380
Do. ... ... Head-loads ...	2,063
Do. ... ... Cart-loads ...	2,180
Green stone ... ... Do. ...	24
Limestone ... ... Do. ..	186
Earth ... ... Do. ...	3,175
Reeds ... ... Do. ...	722
Karvi ... ... Do. ...	331
Do. ... ... Head-loads ...	12,837
Bark ... ... Cubic feet ...	3,753
Do. ... ... Cart-loads ...	121
	Kh. m. lbs.
Hirda	781 7 10
Date branches ... ... Number ...	328
Wild plantain bulbs ... ... Do. ...	400
Other produce such as fruits, pods, Shikakái, &c. &c ... By contract ...	.....